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PTO/SB/01 (12-97)  
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Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)</b>	Attorney Docket Number	015280-332100US		
	First Named Inventor	Thomas Schneider		
	<b>COMPLETE IF KNOWN</b>			
	Application Number	09 / 601,561		
	Filing Date			
	Group Art Unit			
<input type="checkbox"/> Declaration Submitted with Initial Filing	OR	<input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)	Examiner Name	

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

MOLECULAR COMPUTING ELEMENTS: GATES AND FLIP-FLOPS

the specification of which

(Title of the Invention)

☐ is attached hereto  
OR

☒ was filed on (MM/DD/YYYY) February 17, 1999 as United States Application Number or PCT International

Application Number PCT/US99/03469 and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	
60/075,468	February 20, 1998	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

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## DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

☐ Customer Number  OR  
☐ Registered practitioner(s) name/registration number listed below

Place Customer  
Number Bar Code  
Label here

Name	Registration Number	Name	Registration Number
Guy W. Chambers	30,617		
Kenneth A. Weber	31,677		

☐ Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to: ☐ Customer Number or Bar Code Label  OR ☐ Correspondence address below

Name	Kenneth A. Weber		
Address	Townsend and Townsend and Crew LLP		
Address	Two Embarcadero Center, 8th fl.		
City	San Francisco	State	CA
ZIP	94111		
Country	US	Telephone	415-576-0300
Fax	415-576-0300		

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor: ☐ A petition has been filed for this unsigned inventor

Given Name (first and middle (if any))		Family Name or Surname	
Thomas		Schneider	
Inventor's Signature	Thomas D. Schneider		2000 Dec 4 Date
Residence: City	Frederick	State	MD
Country	US		Citizenship
Post Office Address	107 Alessandra Court #208 MS		
Post Office Address			
City	Frederick	State	MD
ZIP	21702-4015		Country
US			

☒ Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto

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## DECLARATION

ADDITIONAL INVENTOR(S)  
Supplemental Sheet  
Page 1 of 1

Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor				
Given Name (first and middle (if any))				Family Name or Surname				
Paul N.				Hengen				
Inventor's Signature				Date				
Residence: City		Alameda	State	CA	Country	US	Citizenship	US
Post Office Address		1777 Shoreline Drive, Apt. 215						
Post Office Address								
City		Alameda	State	CA	ZIP	94501	Country	US
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor				
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Inventor's Signature				Date				
Residence: City			State		Country		Citizenship	
Post Office Address								
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Post Office Address								
Post Office Address								
City			State		ZIP		Country	

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☐ Customer Number

OR

☐ Registered practitioner(s) name/registration number listed below

Place Customer  
Number Bar Code  
Label here

Name	Registration Number	Name	Registration Number
Guy W. Chambers	30,617		
Kenneth A. Weber	31,677		

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Name	Kenneth A. Weber				
Address	Townsend and Townsend and Crew LLP				
Address	Two Embarcadero Center, 8th fl.				
City	San Francisco	State	CA	ZIP	94111
Country	US	Telephone	415-576-0300	Fax	415-576-0300

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Given Name (first and middle (if any))			Family Name or Surname		
Thomas			Schneider		
Inventor's Signature					Date
Residence: City	Frederick	State	MD	Country	US
Post Office Address	107 Alessandro Court #208				
Post Office Address					
City	Frederick	State	MD	ZIP	21702-4015
Country	US				

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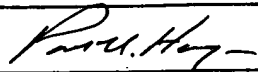
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<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
Paul N.				Hengen			
Inventor's Signature				Date		1 DEC 2000	
Residence: City	Alameda	State	CA	Country	US	Citizenship	US
Post Office Address	1777 Shoreline Drive, Apt. 215 CA.						
Post Office Address							
City	Alameda	State	CA	ZIP	94501	Country	US
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